

**IN THE ABSTRACT**

Please replace the Abstract of the Disclosure with the rewritten Abstract of the Disclosure located below:

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--The system includes a microfabricated electrochemical biosensor for detecting the presence and/or quantity of the target analyte in the sample reagent. The biosensor includes a substrate and at least two electrically conductive electrodes. Each of the electrical conductive electrodes consists of a single layer of an electrically conductive material. The electrodes can be fabricated on the substrate by integrated circuit technology.--

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